

Palsonic

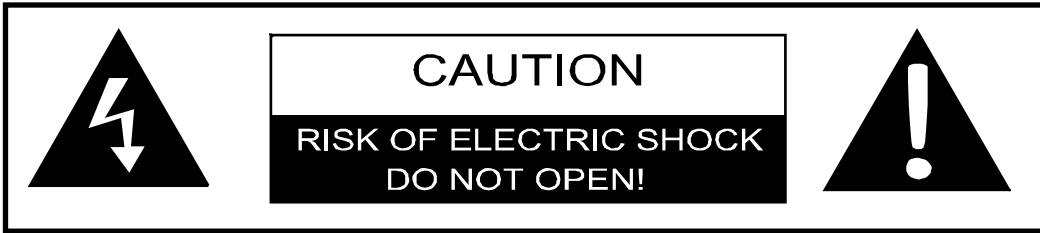
LCD TV/DVD COMBO TFTV1950DT USER'S MANUAL



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Important Safety Instructions



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “Dangerous Voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



CAUTION: Laser radiation when open. Do not stare into beam.

CAUTION: USE OF ANY CONTROLS, ADJUSTMENTS, OR PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

CAUTION

1. The product contains a low-power laser device. In order to ensure the safety of the laser device, do not remove any cover and attempt to repair the unit. If any service is needed, please contact the distributor or its authorised service centre.
2. To reduce the risk of electric shock, do not remove the cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel. Unplug the product from the wall outlet before servicing or when it is unused for a long period of time.
3. The manufacturer should not hold responsibility for the damage caused by any substitutions and modifications of the product without authorisation from the manufacturer or authorised unit.

WARNING

The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

The images in this manual are only for reference and they may differ from the actual ones.

Important Safety Instructions

Note:

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Maintain well ventilated conditions around the product. Do not put product on bed, sofa or anything that blocks ventilation. Install in according to the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Read, heed and follow all instructions to ensure correct and safe installation and inter-connection of the apparatus.
10. The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
11. The mains socket outlet shall be installed near the apparatus and the mains plug shall remain readily operable.
12. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
13. Only use attachments/accessories specified by the manufacturer.
14. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
15. Unplug this apparatus during lightning storms or when unused for long periods of time.
16. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
17. The apparatus shall be connected to a mains socket outlet with a protective earthing connection.

IMPORTANT FOR LASER PRODUCTS

1. CLASS 1 LASER PRODUCT

2. DANGER: Visible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.

3. CAUTION: Do not open the top cover. There are no user serviceable parts inside the unit. Leave all servicing to qualified service personnel.




Note: Do not touch the colour TFT LCD screen by hand directly.

NON ANALOG OUTPUT MANUFACTURER LICENSE AGREEMENT

This product incorporates copy protection technology that is protected by U.S. and foreign patents, including patent numbers 5,315,448 and 6,836,549, and other intellectual property rights. The use of Macrovision's copy protection technology in the product must be authorised by Macrovision. Reserve engineering or disassembly is prohibited.

Disc Information

Discs Supported

	DISC LOGO	CONTENTS	SIZE	MAXIMUM TIME
DVD		Audio+Video (active picture)	12cm	133min(SS-SL)
				242min(SS-DL)
				266min(DS-SL)
				484min(DS-DL)
CD		Audio	12cm	74min
JPEG		Still high resolution	12cm	
DIVX			12cm	

- Operating systems and features of individual DVD discs is specified by the software maker.
Please refer to the instructions accompanying the disc.

Disc Terms

Titles

A DVD disc is often divided into TITLES. A title can be a separate item or a segment of a film. on many disc the ROOT menu and the TITLE menu are the same.

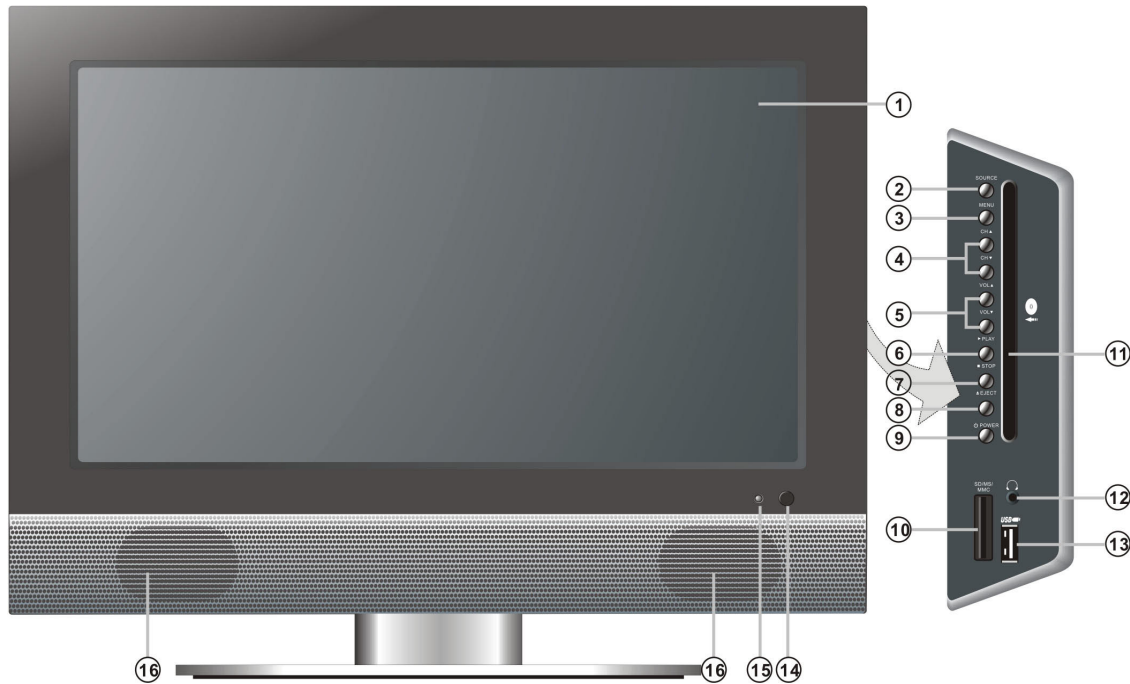
Chapters

Each TITLE is subdivided into CHAPTERS and each chapter is numbered for easy searching. So by knowing the right command, you can play the whole disc, or any part of the disc.

Tracks

Picture and music CDs are divided into TRACKS. Each track is numbered for searching.

Front Panel



1. Colour TFT screen

2. SOURCE button

Press to select mode among TV, COMPOSITE, S-VIDEO, COMPONENT, VGA, DVD and DVB.

On setup menu, the same function as ENTER button.

3. MENU button

Press to enter or exit the setup menu.

4. CH▲/▼ button

Press to select channels in TV mode; on system setup menu, the same function as ▲/▼ direction buttons.

5. VOL ▲/▼ button

Press to decrease or increase the volume on system setup menu, the same function as ◀/▶ direction buttons.

6. ► PLAY button

Press to play the disc in DVD mode.

7. ■ STOP button

Press to stop disc playback.

8. Eject button

Press to eject the disc out.

9. Power button

Press to enter or exit the standby mode.

10. SD/MS/MMC Card Port

Insert the SD, MS or MMC card into the port.

11. Disc Tray Slot

Used to load disc.

12. Earphone Jack

When connected to earphone, the internal speakers will automatically turn off.

13. USB Connecting Port

Connect the USB device.

14. Remote Sensor

15. Power Indicator

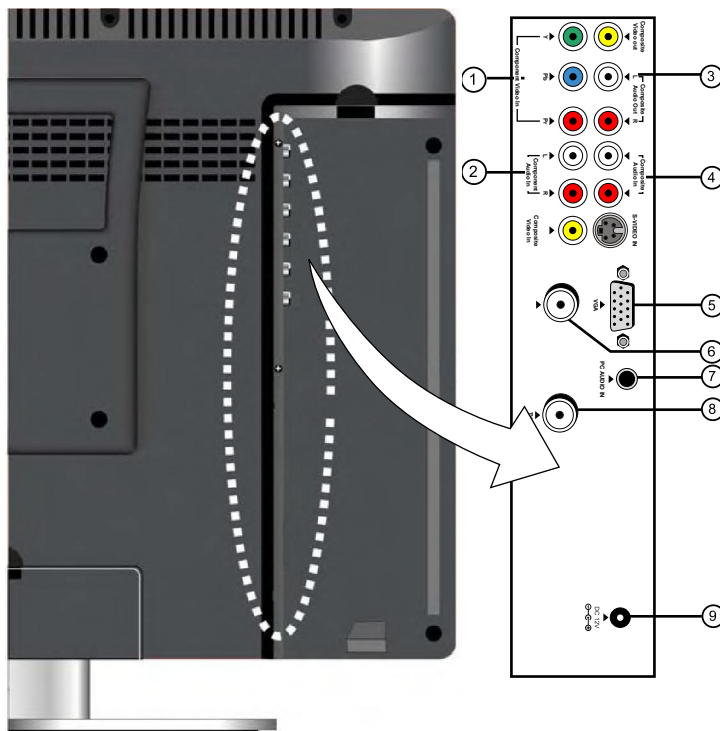
During work, it is blue; In standby mode, it is red.

16. Speakers

View of Unit (Continued)

Back Panel

Open the back cover on the right side of the unit's rear panel, and you will see all jacks, as shown below:



1. Y/Pb/Pr Input Jack

Connect Y/Pb/Pr signal source in COMPONENT mode.

2. Y/PB/PR Audio Input Jack

Connect L/R signal source in COMPONENT mode.

3. Composite Audio/Video Output Jack

Output Audio/Video signals in the COMPONENT mode.

4. L/R Audio Input Jacks (for COMPOSITE and S-VIDEO)

Connect L/R audio signal source in COMPOSITE or S-VIDEO mode.

5. VGA Input Jack

Connect VGA signal source.

6. DVB-T Input Jack

Input the DVB signal in DVB mode.

7. PC Audio Input Jack

Connect VGA audio signal source.

8. TV Signal Input Jack

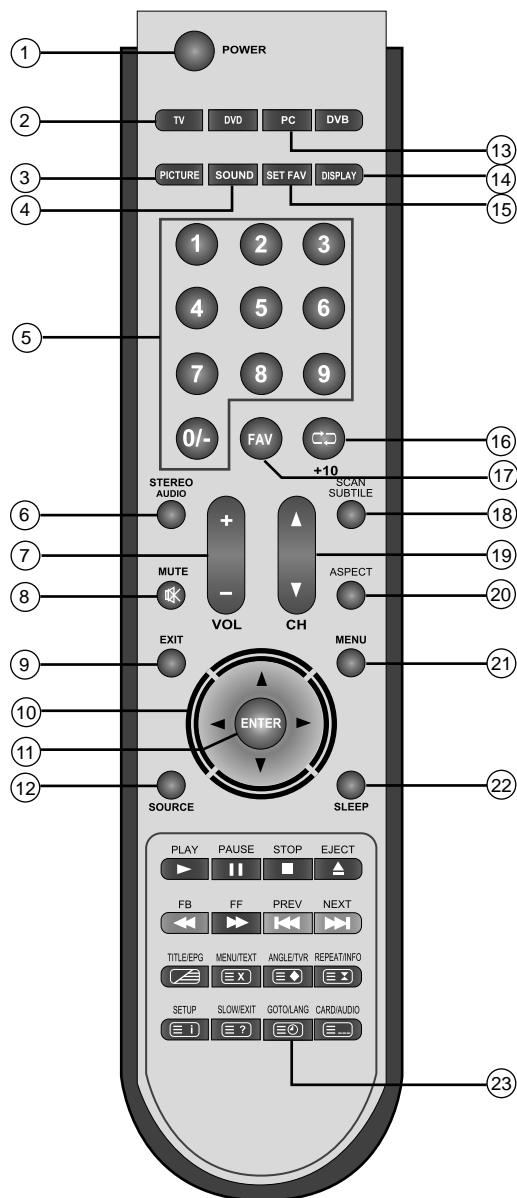
Connect TV aerial.

9. DC 12V Input Jack

Connect supplied adaptor.

Remote Control

For TV Operation



1. POWER button

Press to enter or exit stand by mode.

2. TV button

Press to shift to TV mode.

3. Picture button

Press to shift the screen picture modes among User, Standard, Soft, Bright and Shine.

4. Sound button

Press to shift the sound modes among User, Standard, Music, Movie and Speech.

5. 0-9 Number buttons

Press to select numbers such as TV channel.

6. STEREO/AUDIO button

Press to change sound parameters when receiving Nicam or A2 broadcasts in TV mode.

7. VOL+/- button

Press to increase or decrease the volume.

8. MUTE button

Press to turn on or off speaker output.

9. EXIT button

Press to exit from the setup menu.

10. Direction buttons (▲▼◀▶)

In the setup menu, press the ▲▼ button to select a desired item and press the button to adjust or set.

11. ENTER button

Press to confirm your selection.

12. SOURCE button

Press to select TV, COMPOSITE, S-VIDEO, COMPONENT, VGA, DVD and DVB.

13. PC button

Press to shift to VGA mode.

14. DISPLAY button

Press to display the reference information of the current program.

5. SET FAV button

Press to set the current channel as the favourite channel.

16. SCAN /+10 buttons

When in TV mode, press to select numbers more than 10 or to return to the channel previously viewed.

17. FAV button

Press to shift to the favourite channel.

18. SCAN/SUBTITLE button

When in TV mode, press to scan the programs and press again to stop scanning.

19. CH+/- button

When in TV mode, press to select channel.

20. ASPECT button

Press to shift the aspect ratio of the screen between Fill Screen and Normal Aspect.

21. MENU button

Press to enter or exit the setup menu.

22. SLEEP button

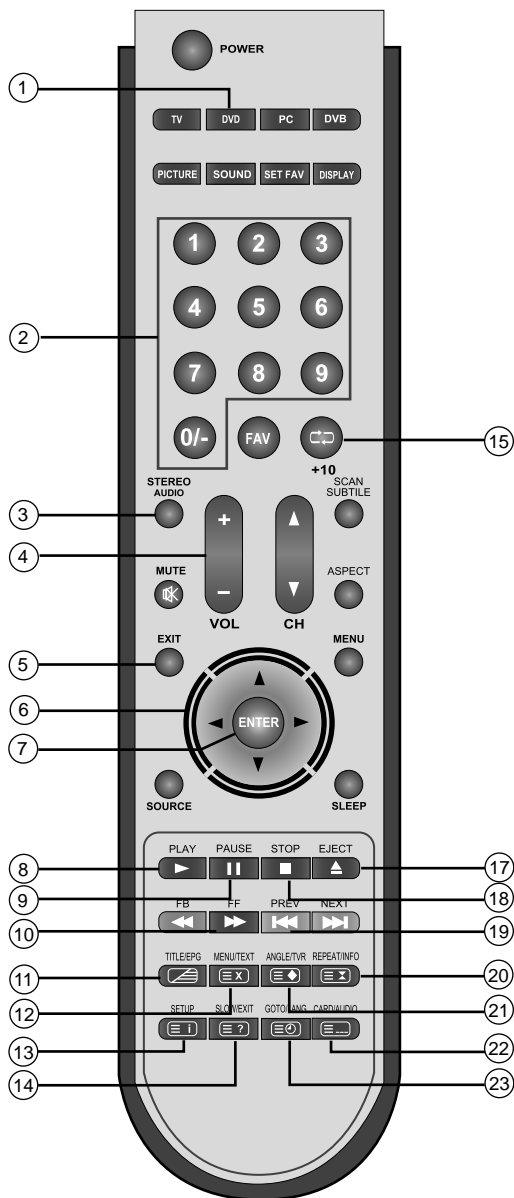
This feature allows you to set up sleep time when in TV mode. Press the button repeatedly to select the desired sleep time or "Off" to close this function.

23. GOTO button

Under TV mode, press to display the real clock and press the EXIT button to exit.

Remote Control

For DVD Operation



1. **DVD button**
Press to shift to DVD mode.
2. **0-9 Number buttons**
Press to select numbers.
3. **STEREO/AUDIO button**
Press to select audio language or, audio track in DVD mode.
4. **VOL+/- button**
Press to increase or decrease the volume.

5. **EXIT button**
Press to exit from the setup menu.
6. **Direction buttons(▲ ▼ ◀ ▶)**
In the setup menu, press the ▲ ▼ button to select a desired item and press the ◀ ▶ button to adjust or set.
7. **ENTER button**
Press to confirm your selection.
8. **▶ PLAY button**
Press to play a disc when in the DVD mode.
9. **|| PAUSE button**
When in DVD mode, press to pause playback. Press the ▶ PLAY button to resume normal playback.
10. **◀ / ▶ FB/FF button**
Press to search backward or forward when in DVD mode.
Under teletext mode, it's the teletext colour button
11. **TITLE button**
When a DVD is playing, press the TITLE button to go to the title menu and display disc contents.
Under TV, S-VIDEO or COMPOSITE mode, press to display/close the teletext.
12. **MENU button (under DVD mode)**
Press to enter disc menu when in DVD mode.
Under teletext mode, press to disable teletext display and press again to resume.
13. **SETUP button**
Press to enter or exit setup menu in DVD mode; press to display index page in teletext mode.
14. **SLOW button**
Press to activate slow playback function when in DVD mode.
Under teletext mode, press once to display the concealed information, such as solution of riddles or puzzles; press again to resume the riddles information from the display.

Remote Control

15. /+10 buttons

When in DVD mode, press to select numbers greater than 10.

16. **SCAN/SUBTITLE button**

When in DVD mode, press to select alternate subtitle languages during playback of a multiple language DVD disc.

17. **Eject button**

Press to eject the disc from the unit.

18. **STOP button**

Press to stop disc playback when in DVD mode.

19. / **PREV/NEXT button**

Press to skip to the previous or next chapter/track when in DVD mode.
Under teletext mode, it's the teletext colour button.

20. **REPEAT button**

Press to repeat a chapter, track, title or all program content when in DVD mode.
Under teletext mode, press to freeze the current page and press again to resume.

21. **ANGLE button**

Press to select various camera angles (if the DVD supports multiple camera angles) when in DVD mode.
Under teletext mode, press the button first time to double the size of teletext letters in the upper half of the screen, second to double the size of teletext letters in the lower half of the screen and third to resume normal status.

22. **CARD button**

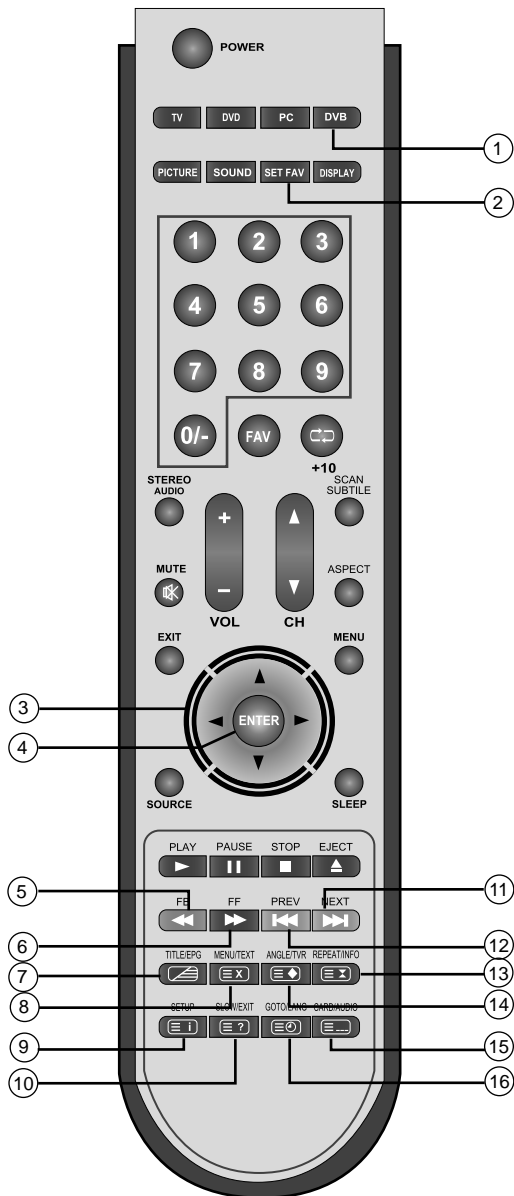
Press to shift among disc playback, USB playback and SD/MS/MMC playback.
Under teletext mode, press to select four groups 3-digit numbers that displayed in different colours at the bottom of the screen.
Press the colour buttons on the remote control to select, then use the number buttons to input the corresponding number to display the page.
Repeat the above procedures for each page to be stored, using a different colour button accordingly each time.

23. **GOTO button**

Press to select the desired disc starting time, title or chapter when in DVD mode.

Remote Control

For DVB Operation



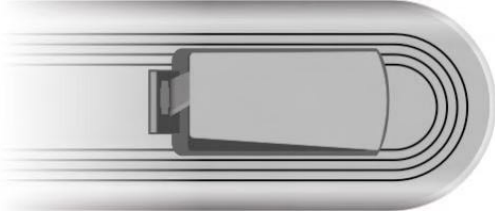
1. **DVB button**
Press to shift to DVB mode.
2. **SET FAV button**
Press to set the current channel as the favourite channel.
3. **Direction buttons (▲▼◀▶)**
In the setup menu, press the ▲▼ button to select a desired item and press the ◀▶ button to adjust or set.
4. **ENTER button**
Press to confirm your selection.

5. **FB (RED) button**
In DVB mode, press the button to select the red page.
6. **FF (GREEN) button**
In DVB mode, press the button to select the green page.
7. **EPG button**
Press to display or close EPG (Electronic Program Guide) in DVB mode.
8. **FAV button**
Press to shift to the favourite channel.
9. **SETUP button.**
Press to enter or exit setup menu in DVB mode.
10. **EXIT button**
Press to exit from the setup menu.
11. **NEXT (BLUE) button**
In DVB mode, press the button to select the blue page.
12. **PREV (YELLOW) button**
In DVB mode, press the button to select the yellow page.
13. **INFO button**
Press to display the current mode information.
14. **TVR button**
Press to shift channels between TV and Radio in DVB mode.
15. **AUDIO button**
Press to select audio language or audio track in DVB mode.
16. **TTX button**
Press to display the teletext information in DVB mode.

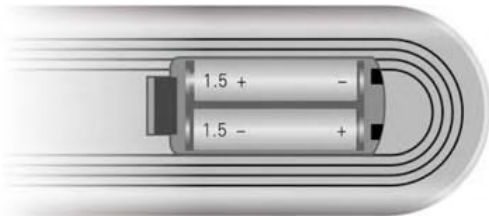
Remote Control

Preparation of Remote Control

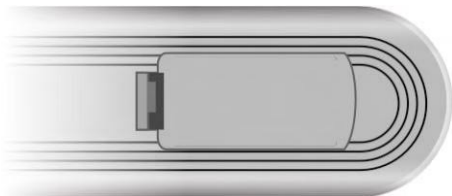
Softly push the back cover to open the battery compartment.



Insert two batteries 1.5V, size AAA), please make sure the polarity matches the marks inside the compartment.



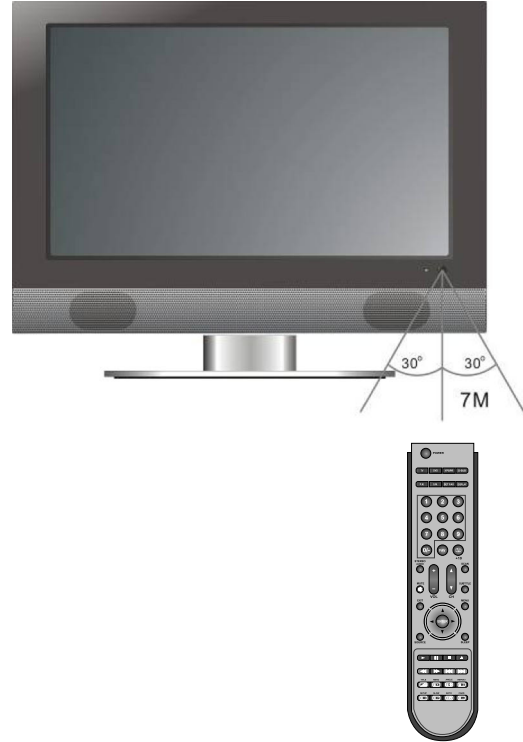
Softly press the back cover to close it.



- Under normal use the battery will last for six months.
- Take out battery when the remote is not in use for a long time.

Using of Remote control

Point the remote control unit from no more than about 7m from the remote control sensor and within about 60 degrees of the front of the unit.



- The operating distance may vary depending to the brightness around.

Notes:

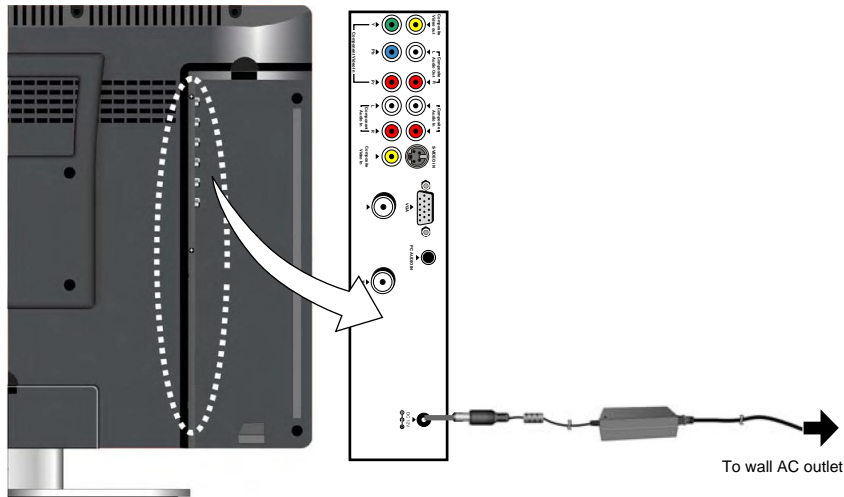
- Do not point bright lights directly at the remote control sensor.
- Do not place objects between the remote control unit and the remote control sensor.
- Do not use this remote control unit while simultaneously operating the remote control unit of any other equipment.

System Connections

- Do not connect the power cord until all other connections have been made.
- Ensure that you observe the colour cables when connecting audio and video cables.
- Before connecting, open the cover on the right side of the unit's rear panel.

Connecting Power Supply

Power is supplied through the provided power adaptor. Connect one end of the adaptor to the unit's power jack on the jack panel of the unit and the other end to the wall AC outlet.



Connecting Earphone

Connect earphone (headphone) to earphone jack on the rear panel of the unit for listening.



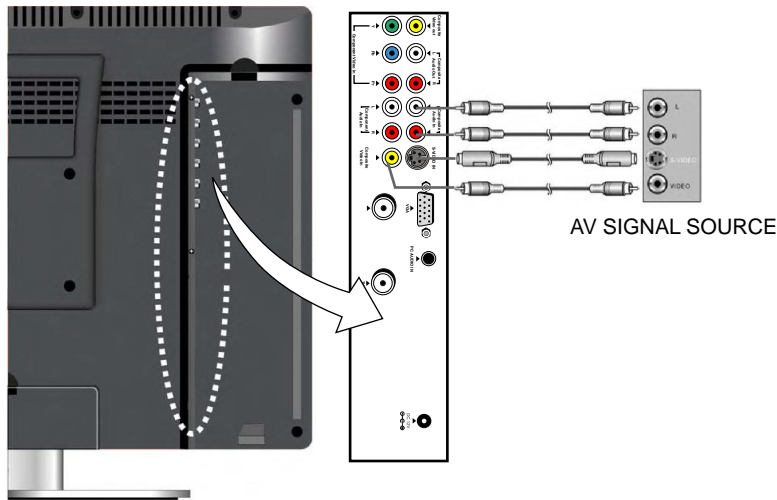
After connecting earphone, the internal speaker output will turn off automatically.

Note: Excessively loud volume could damage your hearing. So turn down the volume before connecting earphone, and then raise the volume to comfortable level.

System Connections (Continued)

Connecting External AV Signal Source

Use the AV cables to connect external AV signal source to AV input jacks on the jack panel of the unit. And use the S-Video cable to connect external S-Video signal source to the S-VIDEO input jack on the rear panel of the unit.

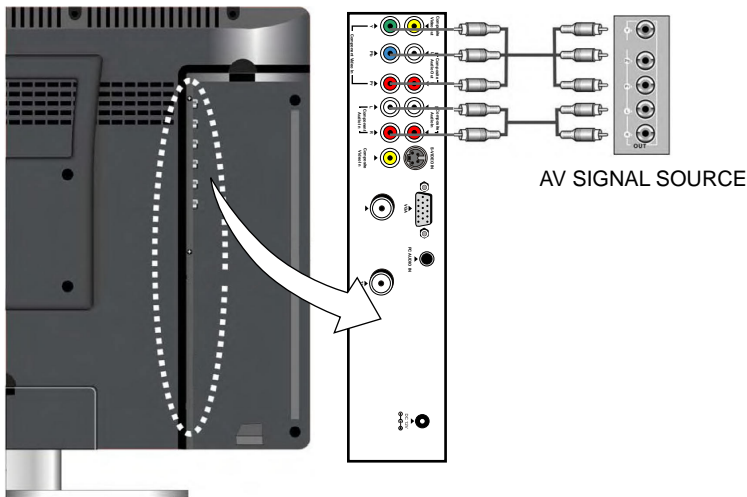


After connection, turn on the unit and the external AV signal source and press the SOURCE button to shift to COMPOSITE or S-VIDEO mode.

Note: The L/R audio input jacks can be used in both COMPOSITE and S-VIDEO modes.

Connecting External AV Signal Source (YPbPr)

Use the AV cables to connect external AV signal source to the Y/Pb (Cb) /Pr (Cr) input jacks on the jack panel of the unit.

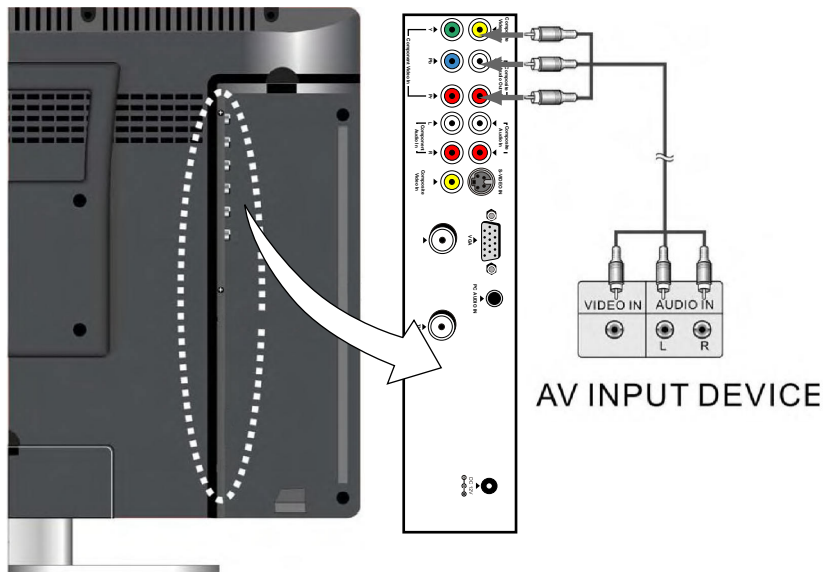


After connection, turn on the unit and external AV signal source and press the SOURCE button to shift to COMPONENT mode.

System Connections (Continued)

Connecting External AV Device (AV Output)

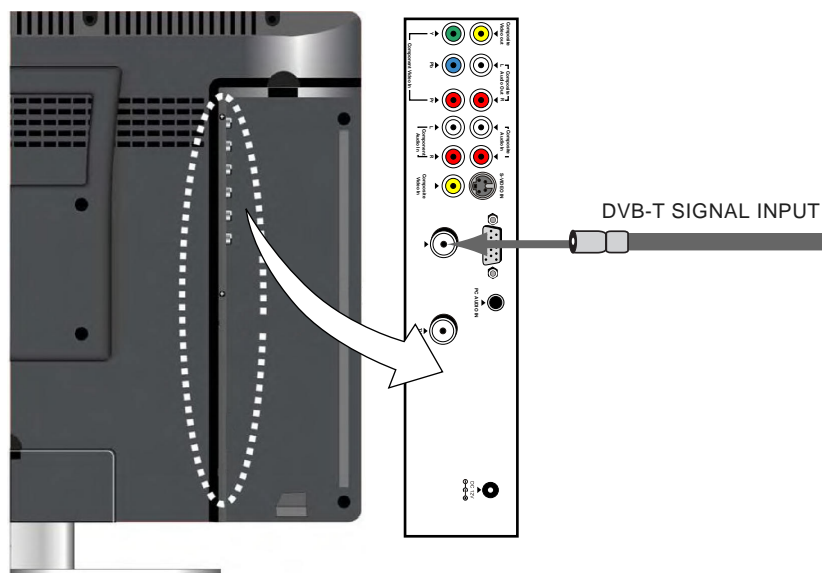
Use the AV cables to connect external AV device to the audio and video output jacks on the jack panel of the unit to output TV or COMPOSITE signals.



After connection, turn on the unit and external AV device and press the SOURCE button to shift to corresponding mode.

Connecting DVB-T Antenna

Use the DVB-T antenna to connect the DVB-T input Jacks on the rear panel of the unit to the external AV signal source. After connection, turn on the unit and external DVB-T device and press the SOURCE button to shift to DVB mode.

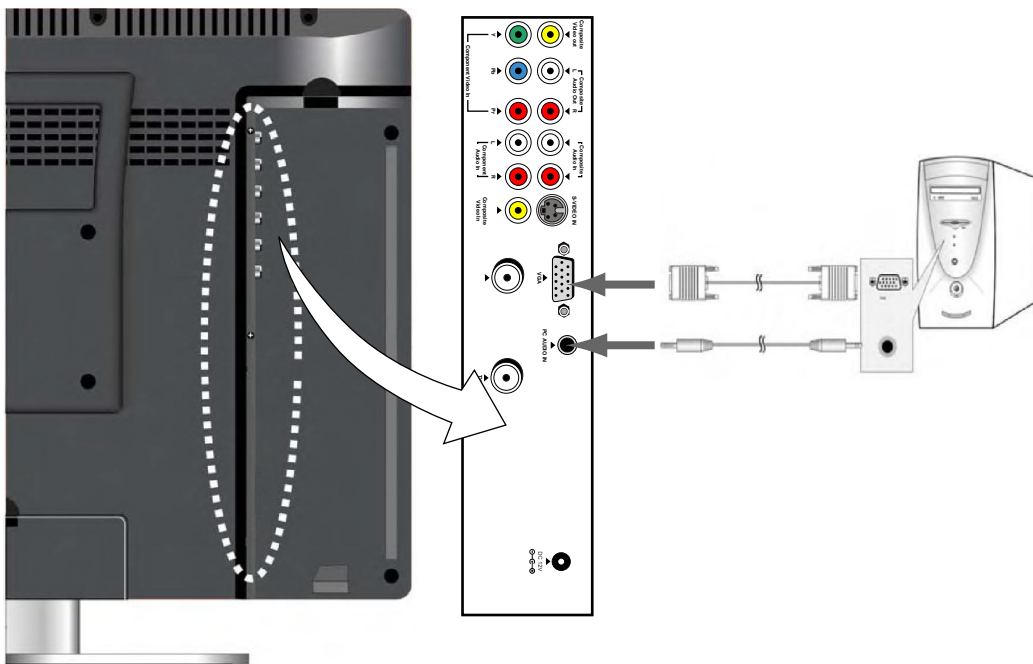


System Connections (Continued)

Connecting PC

Follow the steps and figure below to connect PC to the unit.

1. Connect one end of the VGA cable to the VGA input jack on the rear panel of the unit and the other end to the PC.
2. Connect one end of the audio cables to the PC audio input jack on the rear panel of the unit and the other end to the PC audio output jack.
3. Set the PC's resolution at 1024x768@60Hz.

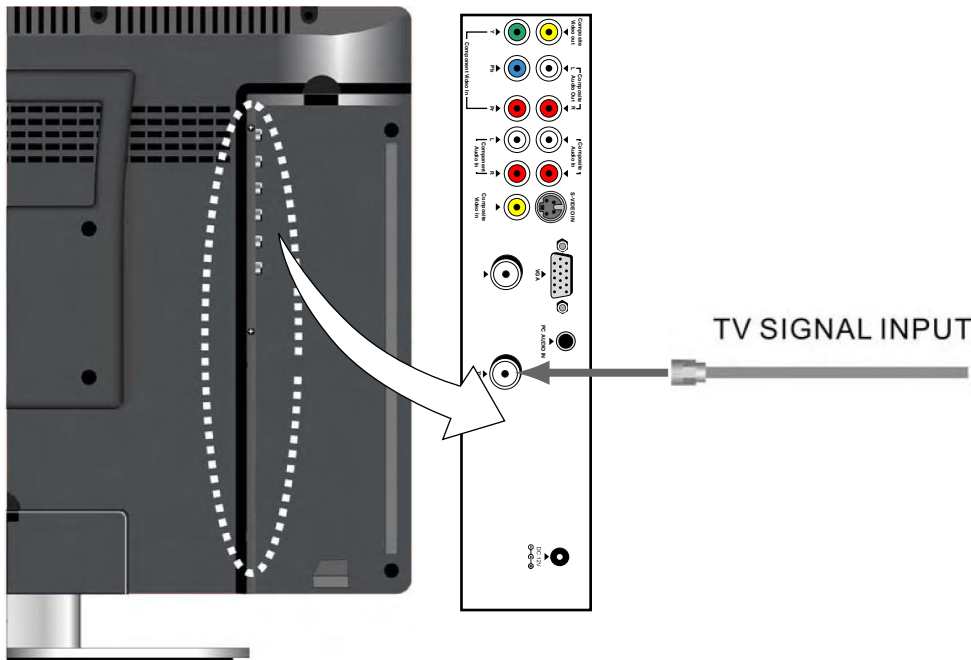


After connection, turn on the unit and the PC and then press the SOURCE button to shift to VGA mode.

System Connections (Continued)

Connecting TV Antenna

Connect TV signal source to the TV jack on the jack panel of the unit.



After connection, turn on the unit and press the SOURCE button to shift to TV mode. If you have been scanned TV programs, take the following steps to select a channel.

1. Channel Numbers 0-9

Press the number button to select the channel, after a few seconds the selected channel will display- **or**

Press the number button to select the channel and then press the $\mathbb{E}/+10$ button to go to the selected channel immediately- **or**

Press 0 followed by the channel number to go to the selected channel immediately.

2. Channel Numbers 10-99

Press the number button to select channel XX, after a few seconds the selected channel will display- **or**

Press the number button to select channel XX, and then press the $\mathbb{E}/+10$ button to go to the selected channel immediately.

* X denotes the channel number.

TV Function

NOTE: In other mode, you can refer to the following instructions in TV mode to go on with some settings

Preparation

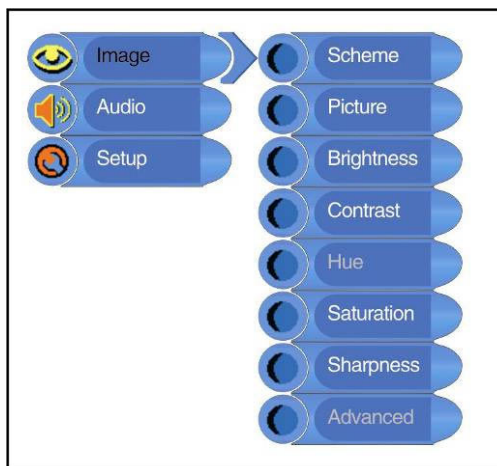
1. After connection, press the POWER button to turn on the unit.
2. Press the SOURCE button to shift to TV mode. You can go on with the following operations.

Image Setting

Note: This item is only available when there is signal input

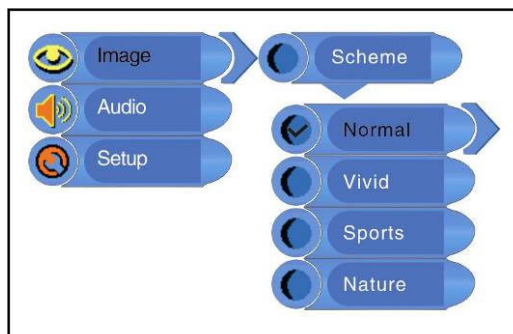
Press the **MENU** button once to enter the setup menu. Press the **▲ ▼** button to select **Image** and press the ENTER button to enter the menu shown on the right.

In the **Image** setup menu, press the **▲ ▼** button to select the desired item. Press the MENU button to return to the previous menu.



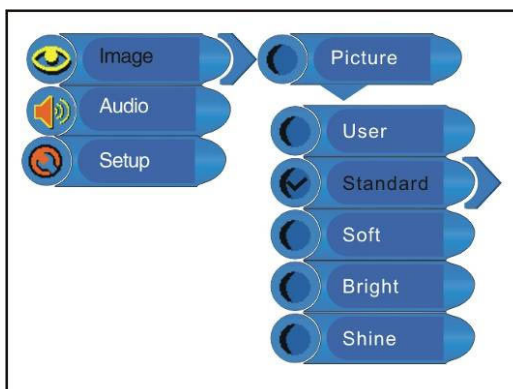
Scheme Setup

Press the **▲ ▼** button to select **Scheme** and press the ENTER button to enter. Press the **▲ ▼** button to select the desired item and press the ENTER button to confirm your selection. Press the MENU button to return to the previous menu.



Picture Setup

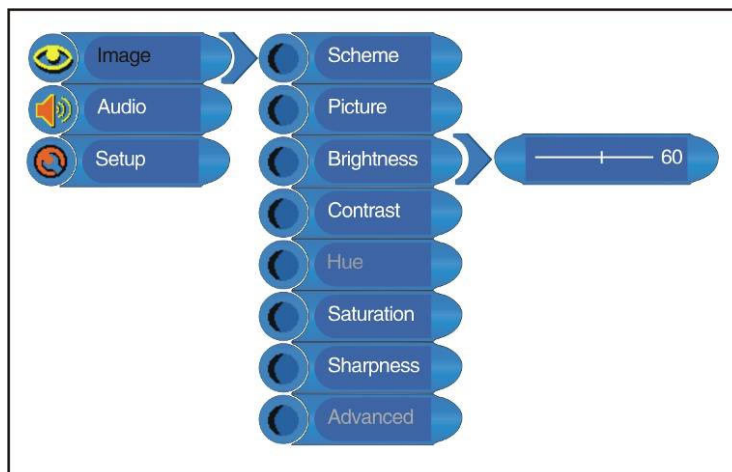
Press the **▲ ▼** button to select **Picture** and press the ENTER button to enter. Press the **▲ ▼** button to select the desired item and press the ENTER button to confirm your selection. Press the MENU button to return to the previous menu.



TV Function

Brightness Setup

Press the ▲ ▼ button to select **Brightness** and press the ◀ ▶ button to adjust the value. Press the MENU button to return to the previous menu.



Contrast Setup

Press the ▲ ▼ button to select **Contrast** and press the ◀ ▶ button to adjust the value. Press the MENU button to return to the previous menu.

Hue Setup

Press the ▲ ▼ button to select **Hue** and press the ◀ ▶ button to adjust the value. Press the MENU button to return to the previous menu.

Note: This item is only available under NTSC TV signal mode.

Colour Setup

Press the ▲ ▼ button to select **Colour** and press the ◀ ▶ button to adjust the value. Press the MENU button to return to the previous menu.

Sharpness Setup

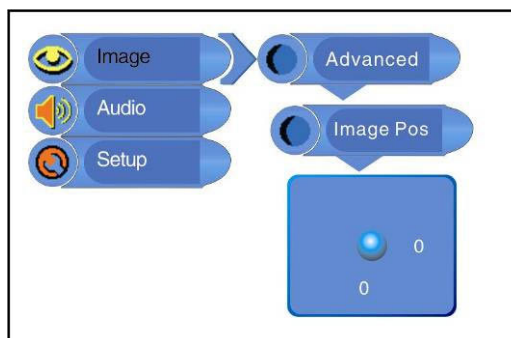
Press the ▲ ▼ button to select **Sharpness** and press the ◀ ▶ button to adjust the value. Press the MENU button to return to the previous menu.

Advanced Setup

Press the ▲ ▼ button to select **Advanced** and press the ENTER button to enter.

In the menu, press the ▲ ▼ ▶ ◀ direction button to move the image. Press the MENU button to return to the previous menu.

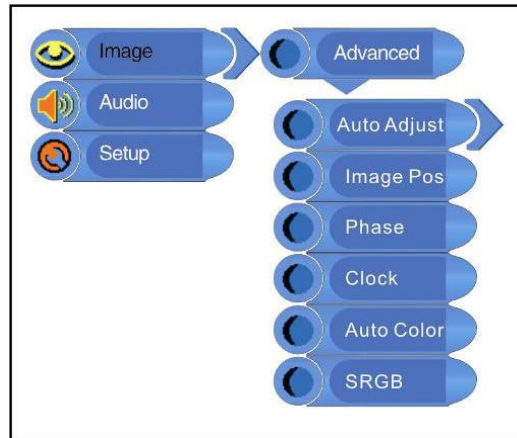
Note: This item is only available in DVD, VGA COMPONENT modes.



TV Function

When the VGA signal is connected to the unit, the **Advanced** setup menu is shown below:

Press the "▲▼" button to select the desired item and press the "ENTER" button to enter it's setup menu. Press the "MENU" button to return to the previous menu.



Auto Adjust:

If the monitor is not clear, you should carry out "Auto Adjust".

Press the "▲▼" button to select "Auto Adjust" and press the "ENTER" button to enter it's menu.

Press the "▲▼" button to select "Yes" to activate this function or "No" to cancel. Press the "MENU" button to return to the previous menu.

Image Pos:

Press the "▲▼" button to select "Image Pos" and press the "ENTER" button to enter it's menu

Within the menu, press the "▲▼◀▶" button to move the image. Press the "MENU" button to return to the previous menu.

Phase:

Press the "▲▼" button to select "Phase". Press the "◀▶" button to adjust the value. Press the "MENU" button to return to the previous menu.

Clock:

Press the "▲▼" button to select "Clock" and press the "ENTER" button to enter it's menu. Press the "▶◀" button to adjust the value . Press the "MENU" button to return to the previous menu.

Auto Color:

Press the "▲▼" button to select "Auto Color" and press the "ENTER" button to activate this function. Press the "MENU" button to return to the previous menu.

sRGB :

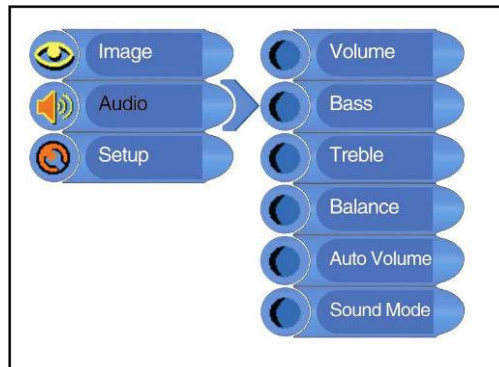
Press the "▲▼" button to select "sRGB" and press the "ENTER" button to enter it's menu. Press the "▲▼" button to select "On" to activate this function or "Off" to cancel. Press the "MENU" button to return to the previous menu.

TV Function

Audio Setting

Press the MENU button once to enter the setup menu. Press the ▲ ▼ button to select **Audio** and press the ENTER button to enter the menu shown on the right.

In the **Audio** setup menu, press the ▲ ▼ button to select the desired item. Press the EXIT button to return to the previous menu.



Volume Setup

Press the ▲ ▼ button to select **Volume** and press the ◀ ▶ button to adjust the level. Press the MENU button to return to the previous menu.

Bass Setup

Press the ▲ ▼ button to select **Bass** and press the ◀ ▶ button to adjust the level. Press the MENU button to return to the previous menu.

Treble Setup

Press the ▲ ▼ button to select **Treble** and press the ◀ ▶ button to adjust the level. Press the MENU button to return to the previous menu.

Balance Setup

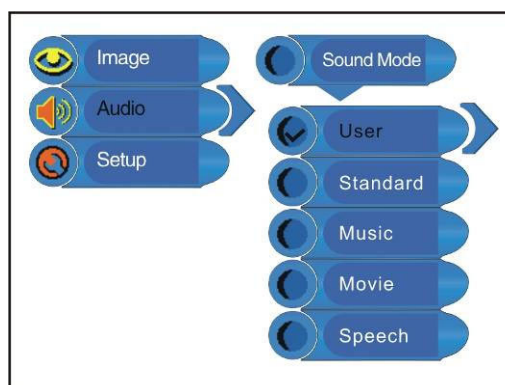
Press the ▲ ▼ button to select **Balance** and press the ◀ ▶ button to adjust the level. Press the MENU button to return to the previous menu.

Auto Volume Setup

Press the ▲ ▼ button to select **Auto Volume** and press the ENTER button to access the menu. Press the ▲ ▼ button to select "On" or "Off" and press the ENTER button to confirm. Press the MENU button to return to the previous menu.

Sound Mode Setup

Press the ▲ ▼ button to select **Sound Mode** and press the ENTER button to enter. Press the ▲ ▼ button to select the desired item and then press the ENTER button to confirm your selection. Press the MENU button to return to the previous menu.

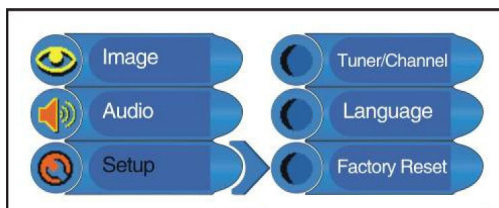


TV Function

Setup Setting

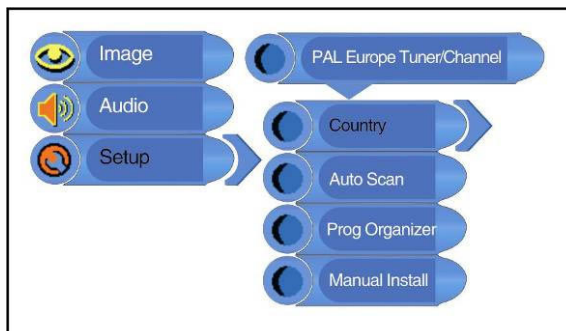
Press the MENU button once to enter the setup menu. Press the ▲ ▼ button to select **Setup** and press the ENTER button to enter the menu shown on the right.

In the **Setup** menu, press the ▲ ▼ button to select the desired item. Press the MENU button to return to the previous menu.



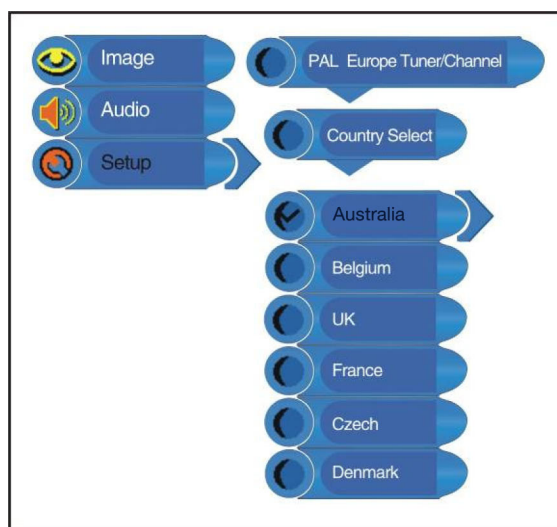
Tuner/Channel

Press the ▲ ▼ button to select the **Tuner/Channel** and press the ENTER button to enter the menu shown on the right. Press the ▲ ▼ button to select the desired item. Press the MENU button to return to the previous menu.



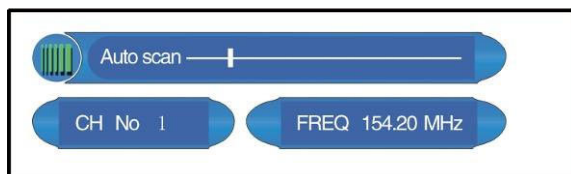
Country

Press the ▲ ▼ button to select the **Country** and press the ENTER button to enter the menu shown on the right. Press the ▲ ▼ button to select the desired item. Press the MENU button to return to the previous menu.



Auto Scan

Press the ▲ ▼ button to select the **Auto Scan** and press the ENTER button to start auto scan. The screen will display shown below:



Auto scan will take a few minutes, when the tuning operation completes the unit will exit and memorise the programs by sequence automatically.

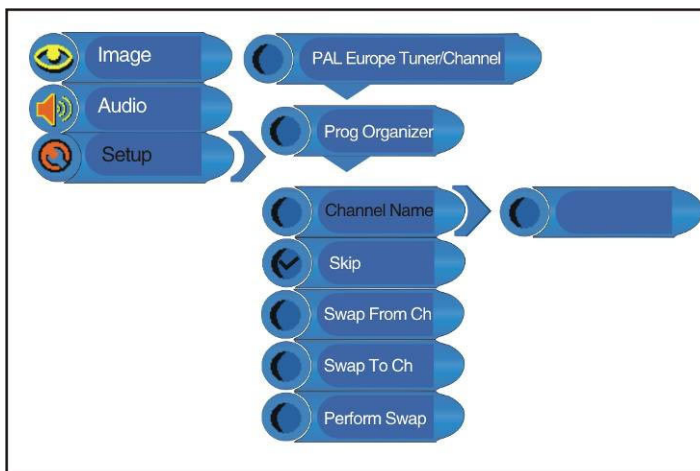
During tuning, press the MENU button to exit the auto scan mode

TV Function

Prog Organizer

Press the ▲▼ button to select the **Prog Organizer** and press the ENTER button to enter the menu shown on the right.

In the **Prog Organizer** setup menu, press the ▲▼ button to select the desired item. Press the MENU button to return to the previous menu.



Channel Name

Press the ▲▼ button to select the **Channel Number** and press the ENTER button to enter. Then press the ▲▼ button to select letters or press the number buttons to input numbers. Press the MENU button to return to the previous menu.

Skip

Press the ▲▼ button to select **Skip** and press the ENTER button to activate or cancel this function. Press the MENU button to return to the previous menu.

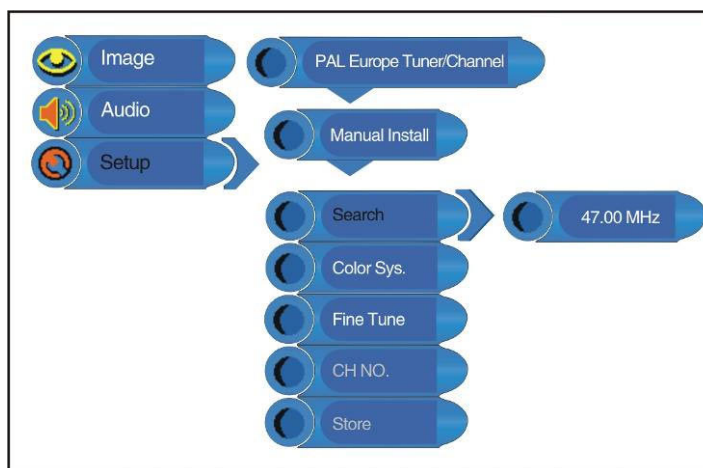
Swap

Press the ▲▼ button to select **Swap from Ch** and press the ENTER button to enter. Press the number buttons to select program number. Repeat the above operations to **Swap To Ch**. Then Press the ▲▼ button to select **Perform Swap** and press the ENTER button to confirm.

Manual Install

Press the ▲▼ button to select the **Manual Install** and press the ENTER button to enter the menu shown on the right.

In the **Manual Install** setup menu, press the ▲▼ button to select the desired item. Press the MENU button to return to the previous menu.



TV Function

Search

Press the ▲ ▼ button to select **Search** and press the ► or ◀ to start searching forward or backward. Press the MENU button to return to the previous menu.

Colour System

Press the ▲ ▼ button to select **Colour Sys.** and press the ENTER button to browse the colour system. of current country. Press the MENU button to return to the previous menu.

Fine Tune

When the effect of the picture and the accompanied sound are not the best, you can set up the fine tuning to improve.

Press the ▲ ▼ button to select **Fine Tune** and press the ENTER button to enter. Press the ► or ◀ controls to start fine tuning forward or backward. Press the MENU button to return to the previous menu.

CH NO

Press the ▲ ▼ button to select **CH NO.** and press the ENTER button to enter. Press the number buttons to enter the channel number. Press the button to return to the previous menu.

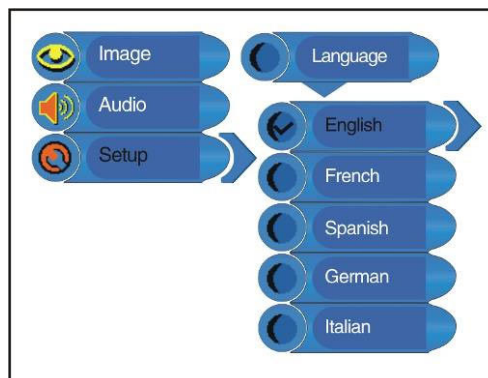
Store

Press the ▲ ▼ button to select **Store** and press the ENTER button to store the above operations.

Note: The "CH NO" and "Store" items only function when the program is searched out.

Language

Press the ▲ ▼ button to select the **Language**, press the ENTER button to enter the setup, press the ▲ ▼ button to select item. Press the MENU button to return to the previous menu.



Factory Reset

Press the ▲ ▼ button to select the **Factory Reset** and press the ENTER button to enter. Press the ▲ ▼ button to select "Yes" or "No" and press the ENTER button to reset to the default status or to cancel. Press the MENU button to return to the previous menu.

NICAM Function

The unit support NICAM function under TV mode.

Under NICAM TV broadcast:

1. When receiving stereo audio signals, press the STEREO/AUDIO button on the remote control repeatedly to shift the sound tracks between **Nicam Stereo** and **Mono** and the screen will appear corresponding display as shown below:



2. When receiving bilingual audio signals, press the STEREO/AUDIO button on the remote control repeatedly to shift the sound tracks among **Nicam I**, **Nicam II**, **Nicam I+II** and **Mono** and the screen will appear corresponding display as shown below:



3. When receiving mono audio signals, press the STEREO/AUDIO button on the remote control repeatedly to shift the sound tracks between **Nicam Mono** and **Mono** and the screen will appear corresponding display as shown below:



Under A2 TV broadcast:

1. When receiving stereo audio signals, press the STEREO/AUDIO button on the remote control repeatedly to shift the sound tracks between **Stereo** and **Mono** and the screen will appear corresponding display as shown below:



2. When receiving bilingual audio signals, press the STEREO/AUDIO button on the remote control repeatedly to shift the sound tracks among **I**, **II** and **I+II** and the screen will appear corresponding display as shown below:



3. When receiving mono audio signals, press the STEREO/AUDIO button on the remote control to display sound track **Mono** on the screen.



DVD Playback

Preparation:

Disc Loading Steps:

1. Connect the unit to the power supply and press the **POWER** to turn on the unit.
2. Press the **SOURCE** button and select DVD mode.
3. Holding the disc with its printed side outward vertically to the disc tray and gently insert the disc into the disc tray.
4. The disc will draw into the unit and load automatically.



Warning: Do not play poor quality discs that may damage the player's lens.

DVD Playback

Region Code

DVD players and discs are coded by region. These regional codes must match the played discs. If the codes don't match, the disc cannot be played. This player's default code is region 4.

Play

After loading a DVD disc, disc menu will appear on the screen if the disc includes the menu. Press the **▶ PLAY** button to start playback.

Stop

During playback, press the **■ STOP** button once to stop playback and press the **▶ PLAY** button to resume normal playback. Press this button twice repeatedly to stop playback completely.

Pause

During playback, press the **PAUSE** button once to pause the playback; press it repeatedly to start step-by-step playback. Press the **▶ PLAY** button to resume normal playback.

Previous and Next

Press the **▶▶ Previous** button to go to the next chapter. Press the **◀◀ Next** button once to return to the beginning of the current chapter or track; press it twice to go to the previous chapter.

DVD Playback

Fast Playback

During playback, press the ◀◀ or ▶▶ button to activate fast backward or forward playback. During fast playback, press the ▶ **PLAY** button to resume normal playback.

SLOW

During DVD disc playback, press the **SLOW** button to activate slow playback. During slow playback, press the ▶ **PLAY** button to resume normal playback.

Repeat

Use the **REPEAT** button repeatedly to repeat a chapter, title or all.

◆ Some discs do not support the repeat function.

Menu

Normally there is a selecting menu for DVD discs. You can press the **MENU** button (under DVD mode) to enter the menu, and use the direction buttons to highlight an item. Then press the ENTER button to confirm.

Title & Chapter

Normally there are several titles in a DVD disc, and several chapters (sections) in a title. You can select any title or chapter quickly by entering the relevant number.

Language (Audio)

There can be up to 8 audio languages on a DVD disc. Press the **Audio** button to select audio language if the disc includes multi-audio languages.

Subtitle

The DVD player can support multiple kinds of subtitles. When you play a multi-subtitle disc you can press the **SUBTITLE** button on the remote control to select different subtitles.

GOTO

During DVD disc playback, press the **GOTO** button on the remote control once, there will be a menu displayed on the screen. You can set or select items for your preference. Use the ▲ ▼ direction buttons to select items and press the **ENTER** button to enter and use the ▲ ▼ direction buttons to select the desired item. Press the ◀ direction button to return. When select the Title/Chapter, TT Time/CH Time, use number buttons to input desired title/chapter number time.

◆ Some DVD discs do not support the search function.

Various Camera Angles

The movies on some DVDs have been recorded from various camera positions. This lets you enjoy the same scene from different perspectives. In this case you'll usually find a marking on the DVD sleeve.

When playing a DVD containing various camera angles the camera symbol appears on the screen. Press the **ANGLE** button repeatedly until the desired perspective is shown. The picture will be adjusted in 1~2 seconds.

DVD Playback

CD Playback

After loading a CD disc, the unit will play all tracks on the disc by default. You can use the **⏮** **⏭** button, or number buttons to select a track.

Stop

Press the **■ STOP** button once to stop playback and press the **▶ PLAY** button to resume normal playback. Press this button twice repeatedly to stop playback completely.

Pause

Press the **⏸ PAUSE** button to pause the playback and then press the **⏸ PAUSE** button again or **▶ PLAY** button to resume normal playback.

Previous and Next

Press the **⏮** button once to go the beginning of this track. Press twice repeatedly to go the previous track.

Press the **⏭** button to play from the beginning of the next track.

Fast Playback

During playback, press the **⏩** button to activate fast forward playback; press the **⏪** button to activate fast backward playback. During fast playback, press the **▶ Play** button to resume normal playback.

GOTO

Press the **GOTO** button to select desired playback time or track. Press the button repeatedly to select Disc Go To, Track Go To or Select Track. Use the 0-9 buttons to enter the desired playback time or track and press the **ENTER** button to play.

Repeat

Use the **REPEAT** button repeatedly to repeat Track, All or to cancel repeat.

◆ Some discs do not support the repeat function.

Audio

During CD playback, press the **AUDIO** button on the remote control to select the audio output mode: *Mono Left, Mono Right, Mix-Mono and Stereo.*

DVD Playback

JPEG Playback

JPEG is a common picture format that requires small amounts of storage per image and has low loss in resolution. Hundreds of pictures can be stored on a disc in this format. In order to view JPEG photo albums, you can ask your film development company to make a "PICTURE CD" when they develop your film.

Play

After loading a JPEG disc, a root menu displayed on the screen. Use the **ENTER** button and the direction button to select a submenu, and then use the **▲ ▼** button to select the contents.

◆ **Many discs have other contents besides pictures.**

Stop

Press the **■ STOP** button to preview the pictures behind currently playing pictures in the way of small pictures. Press the **▶ PLAY** button to resume normal playback.

Pause

During playback, press the **PAUSE** button to pause playback, and press the **PAUSE** button again or **▶ PLAY** button to resume playback.

Repeat

During playback, press the **REPEAT** button repeatedly, and the repeat modes are *Shuffle, Random, Single, Repeat One, Repeat All and Repeat Off*.

Previous and Next

During playback, press the **◀◀** or **▶▶** button to select picture.

Menu

Press the **MENU** button once to stop playback and return to the root menu.

GOTO

During playback, press the **GOTO** button to select the desired picture. Use the number buttons to input the file number and press **ENTER** button to play the picture.

Picture Rotation

This can be used only when the picture is normally displayed. Once another picture is selected, rotation will be cancelled automatically. Use the **◀ ▶** buttons to rotate the picture.

◆ **Some JPEG disc may not support rotating**

DVD Playback

DIVX Playback

DIVX is the name of a revolutionary new video code, which is based on the new DIVX compression standard for video.

Play

After loading a DIVX disc, a root menu appears on the screen. Use the ▲ ▼ button to select desired item and press the ENTER button to play.

Stop

During playback, press the ■ **STOP** button to stop playback and return to root menu and press the ► **PLAY** button to play the file from the beginning.

Pause

During playback, press the **PAUSE** button once to pause the playback and press the ► **PLAY** button to resume normal playback.

Previous ◀◀ and Next ▶▶

Press the ◀◀ button to go to the previous file; press the ▶▶ button to play the next file

Fast Playback

During playback, press the ▶▶ button to activate fast forward playback; press the ◀◀ button to activate fast backward playback. During fast playback, press the ► **PLAY** button to resume normal playback.

SLOW button

During playback, press the **SLOW** button to activate slow playback. During slow playback, press the ► **PLAY** to resume normal playback.

GOTO button

Press the **GOTO** button to select desired file or playback time. During playback, press it repeatedly to display as follows: Select: _ _ _ ; Go To _:__:__' Press the number buttons to enter the desired file or playback time and press the ENTER button to confirm.

Repeat

During playback, press the **REPEAT** button repeatedly to select repeat mode.

USB and SD/MS/MMC Card Function

Preparation

1. Connect the unit to the power supply.
2. Press the **POWER** to turn on the unit.
3. Press the **SOURCE** button to shift to DVD mode.
4. Insert the USB into the unit's USB slot, or insert the SD/MS/MMC card into the SD/MS/MMC card slot on the right side of the unit. Please see the below figure:



Note

- Make sure that files are stored in the USB and the SD/MS/MMC card before the connection.

5. Press the **CARD** button to shift among disc playback, USB playback and *SD/MS/MMC* playback. The default state is disc playback. Please see the below figure:



6. Press the **▲ ▼** button to select the folder, and press **ENTER** button to enter.
7. Press the **▲ ▼** buttons to select the desired track. Then press the **▶ PLAY** button to start playback.
8. Press the **■ STOP** button to stop playback. Press the **◀** button to return to the folder menu.

Note:

1. the screen display will vary from disc to disc.
2. Pull out USB or SD/MS/MMC card directly after the files are played. Then the unit will be in the state of disc playback again.

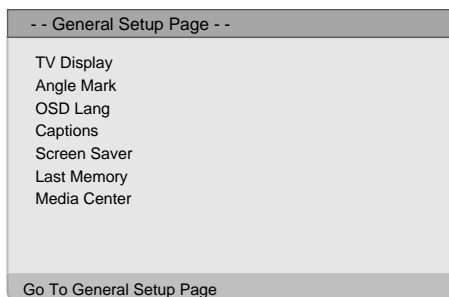
DVD System Setup

Preparations

1. In DVD mode, press the **Setup** button to open DVD setup menu.
2. Press the ◀ ▶ button to select setup menu.
3. Press the **Setup** button again to exit DVD setup.

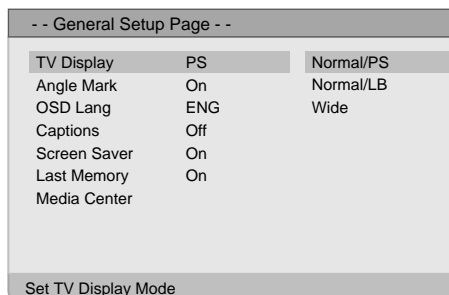
General Setup Page

Press the DVD SETUP button to enter the General setup menu. The screen will display as the below:



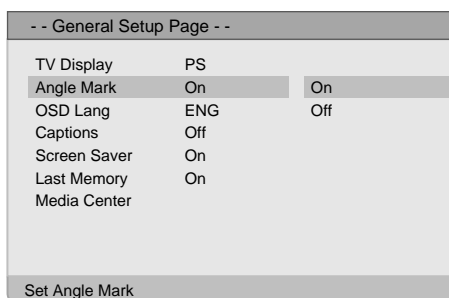
In the menu, Use the ▲ ▼ direction buttons to select the desired Item. Press the ENTER button to enter the item. Press the ◀ button to return.

TV Display



1. Press the ▲ ▼ direction buttons to select **TV Display**.
2. Press the ENTER button to enter the setup.
3. Use the ▲ ▼ direction buttons to select items.
4. Press the ENTER button again to confirm selection and return.

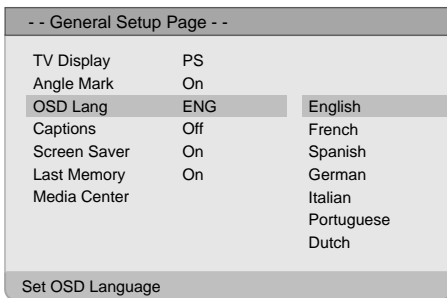
Angle Mark



1. Press the ▲ ▼ direction buttons to select **Angle Mark**.
2. Press the ENTER button to enter the setup.
3. Use the ▲ ▼ direction buttons to select On or Off.
4. Press the ENTER button again to confirm selection and return.

DVD System Setup

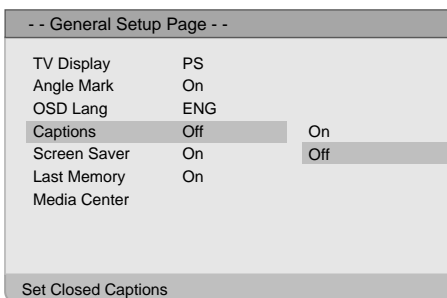
OSD Lang



The item is used to select the OSD language.

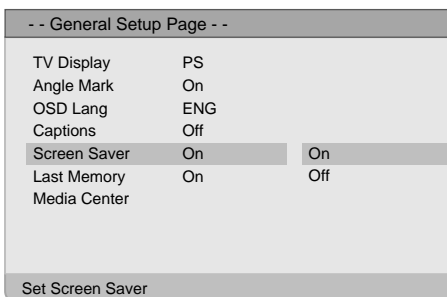
1. Press the ▲ ▼ direction buttons to select **OSD Lang**.
2. Press the ENTER button to enter the setup.
3. Use the ▲ ▼ direction buttons to select items.
4. Press the ENTER button again to confirm selection and return.

Captions



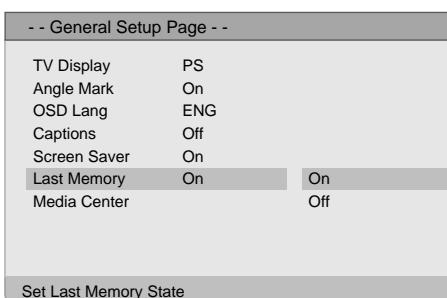
1. Press the ▲ ▼ direction buttons to select **Captions**.
2. Press the ENTER button to enter the setup.
3. Use the ▲ ▼ direction buttons to select items.
4. Press the ENTER button again to confirm selection and return.

Screen Saver



1. Press the ▲ ▼ direction buttons to select **Screen Saver**.
2. Press the ENTER button to enter the setup.
3. Use the ▲ ▼ direction buttons to select On or Off.
4. Press the ENTER button again to confirm selection and to return.

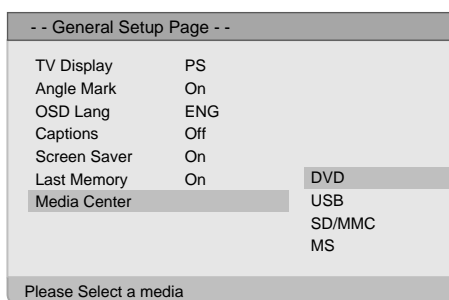
Last Memory



1. Press the ▲ ▼ direction buttons to select **Last Memory**.
2. Press the ENTER button to enter the setup.
3. Use the ▲ ▼ direction buttons to select On or Off.
4. Press the ENTER button again to confirm selection and return.

DVD System Setup

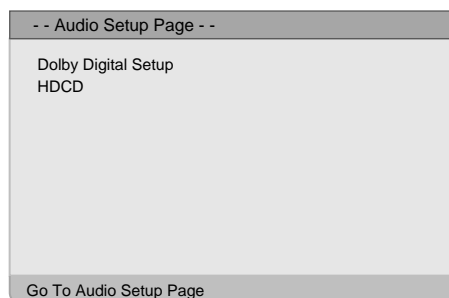
Media Center



1. Press the ▲ ▼ direction buttons to select **Media Center**.
2. Press the ENTER button to enter the setup.
3. Use the ▲ ▼ direction buttons to select DVD, USB, SD/MMC or MS.
4. Press the ENTER button again to confirm selection and return.

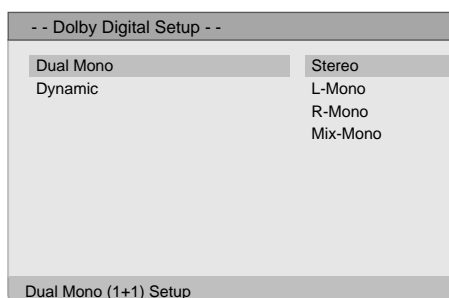
Audio Setup Page

Press the SETUP button to enter the General setup menu, then use the ◀ ▶ direction buttons to select Audio Setup Page, the screen will display as the below:



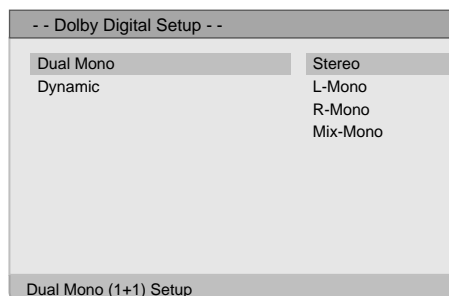
In the menu, Use the ▲ ▼ direction buttons to select the desired item. Press the ENTER button to enter the item. Press the ◀ button to return.

Dolby Digital Setup



1. Press the ▲ ▼ direction buttons to select **Dolby Digital**.
2. Press the ENTER button to enter the setup, the screen will display as left:
3. In the menu, use the ▲ ▼ direction buttons to select items.
4. Press the ENTER button to enter the setup. Press the ◀ button to return.

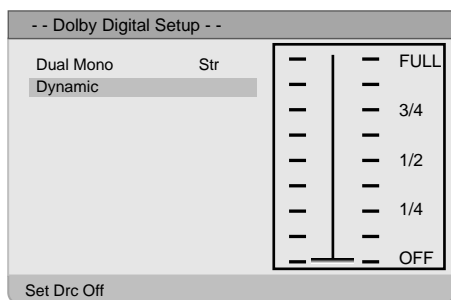
Dual Mono



1. Press the ▲ ▼ direction buttons to select **Dual Mono**.
2. Press the ENTER button to enter the setup.
3. Use the ▲ ▼ direction buttons to select items.
4. Press the ENTER button again to confirm selection and return.

DVD System Setup

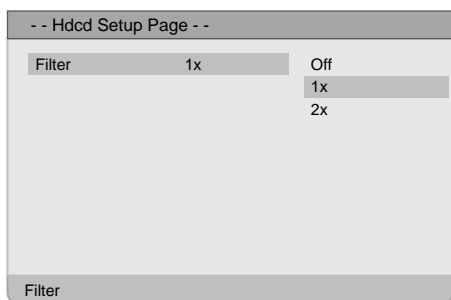
Dynamic



1. Press the ▲ ▼ direction buttons to select **Dynamic**.
2. Press the ENTER button to enter the setup, the screen will display as left:
3. Press the OK button to enter.
4. Use the ▲ ▼ direction buttons to adjust.
5. Press the ENTER button again to confirm setting and return.
6. Press the ◀ button to return.

HDCCD Setup

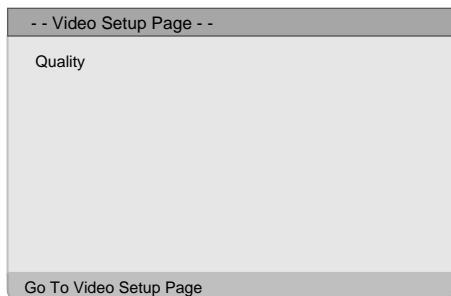
In the Audio Setup Page, use the ▲ ▼ direction buttons to select HDCCD Setup. Press the ENTER button to enter the setup and the screen will display as below:



1. In the menu, press the ENTER button to enter the setup.
2. Use the ▲ ▼ direction buttons to select items.
3. Press the ENTER button again to confirm selection and return.
4. Press the ◀ button to return.

Video Setup

Press the SETUP button to enter the General setup menu, then use the ◀ ▶ direction buttons to select Video Setup Page, the screen will display as the below:

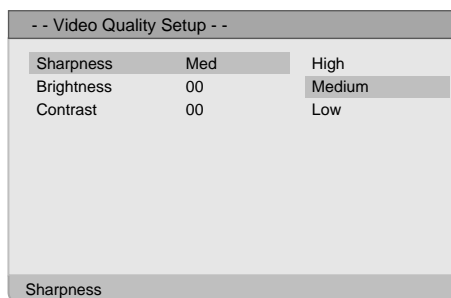


In the menu, Use the ▲ ▼ direction buttons to select the desired item. Press the ENTER button to enter the item. Press the ◀ button to return.

DVD System Setup

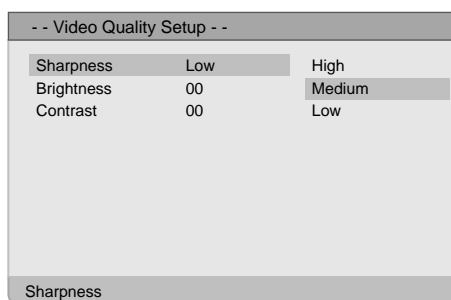
Video Quality Setup

Select **Quality**, press the ENTER button to enter the menu as below:



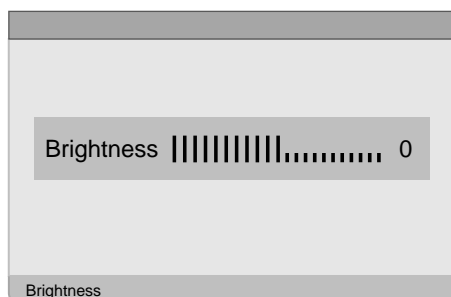
1. In the menu, Use the ▲ ▼ direction buttons to select the desired item.
2. Press the ENTER button to enter the item.
3. Press the ◀ button to return.

Sharpness



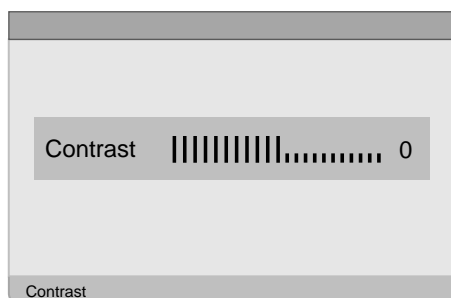
1. Press the ▲ ▼ direction buttons to select **Sharpness**.
2. Press the ENTER button to enter the setup.
3. Use the ▲ ▼ direction buttons to select High, Medium or Low.
4. Press the ENTER button again to confirm selection and return.

Brightness



1. Press the ▲ ▼ direction buttons to select **Brightness**.
2. Press the ENTER button to enter the setup, the screen will display as left:
3. Use the ◀ ▶ direction buttons to adjust the level.
4. Press the ENTER button again to confirm setting and return.

Contrast



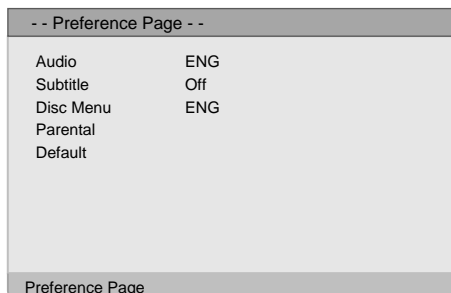
1. Press the ▲ ▼ direction buttons to select **Contrast**.
2. Press the ENTER button to enter the setup, the screen will display as left:
3. Use the ◀ ▶ direction buttons to adjust the level.
4. Press the ENTER button again to confirm setting and return.

DVD System Setup

Note: This item is allowed to set when there is no disc or all the operation has been stopped.

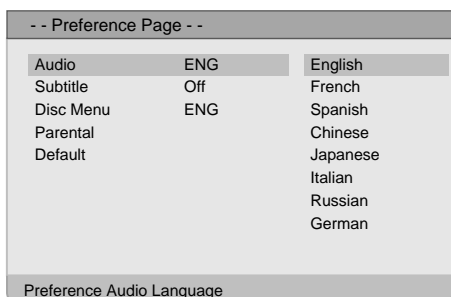
Preference Setup

Press the SETUP button to enter the General setup menu, then use the ◀ ▶ direction buttons to select Preference Page, the screen will display as the below:



In the menu, press the ENTER or ▲ ▼ direction button to select the desired item. Press the ENTER button to enter the item. Press the ◀ button to return.

Audio



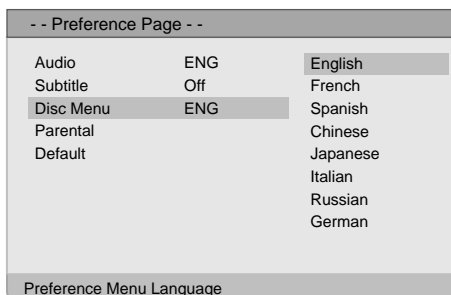
1. Press the ▲ ▼ direction buttons to select **Audio**.
2. Press the ENTER button to enter the setup, see the left figure:
3. Press the ▲ ▼ direction buttons to select audio language.
4. Press the ENTER button again to confirm setting and return.

Subtitle



1. Press the ▲ ▼ direction buttons to select **Subtitle**.
2. Press the ENTER button to enter the setup, see the left figure:
3. Press the ▲ ▼ direction buttons to select Subtitle language.
4. Press the ENTER button again to confirm setting and return.

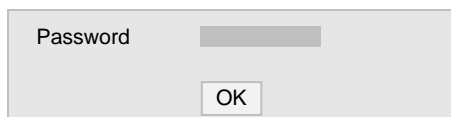
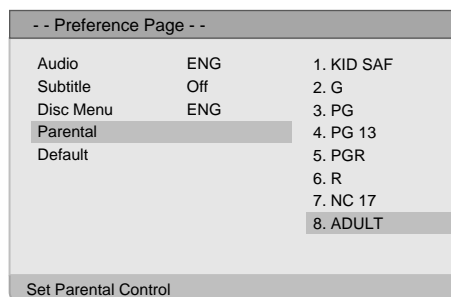
Disc Menu



1. Press the ▲ ▼ direction buttons to select **Disc Menu**.
2. Press the ENTER button to enter the setup, see the left figure:
3. Press the ▲ ▼ direction buttons to select Menu language.
4. Press the ENTER button again to confirm setting and return.

DVD System Setup

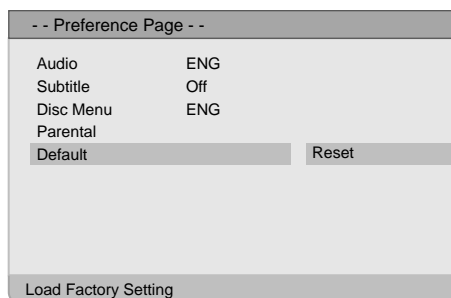
Parental



DVD discs equipped with the child lock function are rated according to their contents and settings vary from disc to disc. Depending on the disc, you can lock out play back of the disc altogether.

1. Press the ▲ ▼ direction buttons to select Parental.
2. Press the ENTER button to enter the setup, see the left figure:
3. Press the ▲ ▼ direction buttons to select item.
4. Press the ENTER button again to confirm setting, and you should enter the password. The Default Password is 3308.
5. Press the ENTER button again to confirm setting and return.

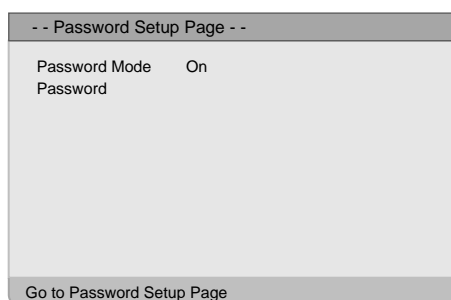
Default



1. Press the ▲ ▼ direction buttons to select **Default**.
2. Press the ENTER button to select **Reset**.
3. Press the ENTER button, all the settings will return to the default status.

Password Setup

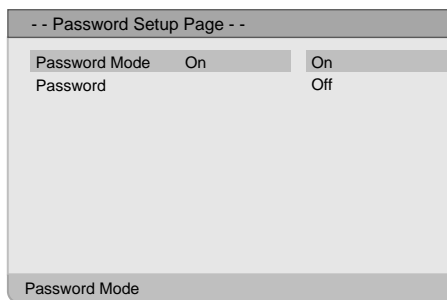
Press the SETUP button to enter the setup menu, then use the ◀ ▶ direction buttons to select Password Setup Page, the screen will display as the below:



In the menu, Use the ▲ ▼ direction buttons to select the desired item. Press the ENTER button to enter the item. Press the ◀ button to return.

DVD System Setup

Password Mode



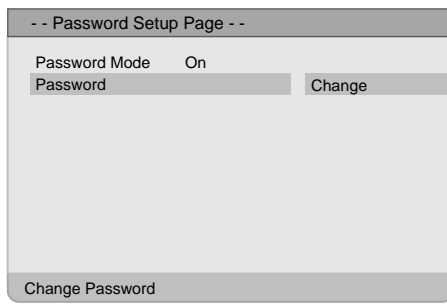
-- Password Setup Page --

Password Mode	On	On
Password		Off

Password Mode

1. Press the ▲ ▼ direction buttons to select **Password Mode**.
2. Press the ENTER button to enter the setup, see the left figure:
3. Press the direction ▲ ▼ buttons to select On or Off.
4. Press the ENTER button again to confirm setting and return.

Password Change



-- Password Setup Page --

Password Mode	On	
Password		Change

Change Password

Old Password	<input type="password"/>
New Password	<input type="password"/>
Confirm Pwd	<input type="password"/>

OK

You can change the password by yourself.

1. Press the ▲ ▼ direction buttons to select **Password**.
2. Press the ENTER button to enter the setup, see the left figure:
3. Press the ENTER button again to change the password.
4. According to the indication in the menu. Use the number buttons to input the old password, then input the new password, then input again to confirm. Press the ENTER button again to confirm setting and return. The password has been changed successfully.
5. The Default Password is 3308.

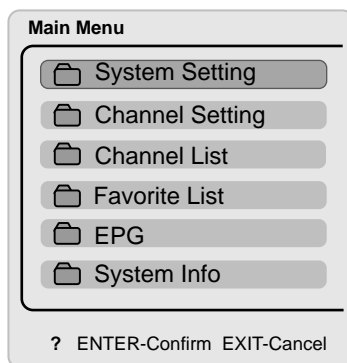
DVB-T Setup

Preparation

1. In DVB mode, press the **SETUP** button to open DVB setup menu.
2. Press the ◀▶ button to select setup menu.
3. Press the **SETUP** button again to exit DVB setup menu.

Main Menu

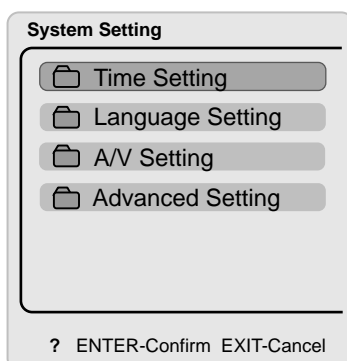
Press the **SETUP** button, the screen will display as below:



In the main menu, press the ▲▼ direction buttons to select the desired item.
Press the **ENTER** button to enter the item. Press the **EXIT** button to return to the previous menu.

System Setting

Press the ▲▼ direction buttons to select System Setting. Press the **ENTER** button to enter the item, screen will display as below:



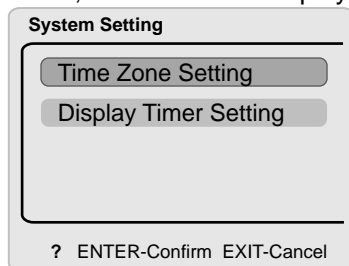
In the menu, press the ▲▼ button to select the desired item, press the **ENTER** button to enter the item. Press the **EXIT** button to return to the previous menu.

DVB-T Setup

Time Setting

You can set the time zone or display timer.

Press the ▲ ▼ button to select Time Setting, press the **ENTER** button to enter the Time Setting menu, the screen will display as below:



In the menu, press the ▲ ▼ button to select Time Zone or Display Timer Setting. Press the **EXIT** button to return.

1. Time Zone Setting

Select Time Zone Setting, press the **ENTER** button to enter the item, and then press the ► button to select different time zone, press the ▲ ▼ button to select the desired item, then press the **ENTER** button to confirm selection and return. During setting, press the **EXIT** button to return.

2. Display Timer Setting

Select Display Timer Setting, press the **ENTER** button to enter the item, and then press the ► button to select different display timer, press the ▲ ▼ button to select the desired item, then press the **ENTER** button to confirm selection and return. During setting, press the **EXIT** button to return.

Language Setting

You can set the menu or audio language.

Press the ▲ ▼ button to select Language Setting, press the **ENTER** button to enter the Language Setting menu, the screen will display as below:



In the menu, press the ▲ ▼ button to select Menu or Audio Language. Press the **EXIT** button to return.

1. Menu Language

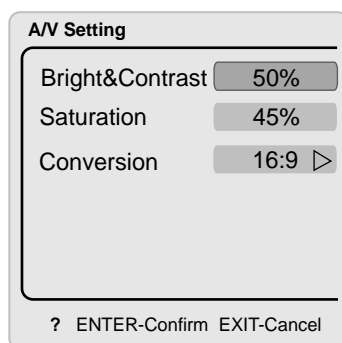
Select *Menu Language*, press the ► button to enter the item, and then press the ▲ ▼ button to select different menu language, then press the **ENTER** button to confirm selection and return. During setting, press the **EXIT** button to return.

2. Audio Language

Select *Audio Language*, press the ► button to enter the item, and then press the ▲ ▼ button to select different audio language, then press the **ENTER** button to confirm selection and return. During setting, press the **EXIT** button to return.

DVB-T Setup

A/V Setting



A/V Setting

Bright&Contrast 50%

Saturation 45%

Conversion 16:9 ▶

? ENTER-Confirm EXIT-Cancel

This item is used to set the audio and video items. Press the ▲ ▼ buttons to select A/V Setting, press the **ENTER** button to enter, the screen will display as left. In the menu, press the ▲ ▼ buttons to select items, press the ◀ ▶ buttons to adjust or enter. Press the **EXIT** button to return.

1. Bright & Contrast

Select the *Bright & Contrast*, press the ◀ ▶ buttons to adjust the value.

2. Saturation

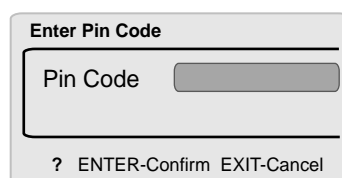
Select the Saturation, press the ◀ ▶ buttons to adjust the value.

3. Conversion

Select the Conversion, press the ▶ button to enter, then press the ▲ ▼ buttons to select 16 :9, 4: 3 LB or 4 :3 PS. Press **ENTER** button to confirm and return. Press the **EXIT** button to return.

Advance Setting

Press the ▲ ▼ button to select Advance Setting, press the **ENTER** button to enter, the screen will display as below:



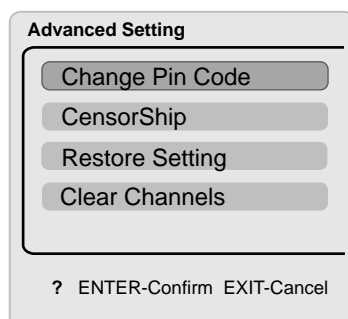
Enter Pin Code

Pin Code

? ENTER-Confirm EXIT-Cancel

In the menu, use the number buttons to input the pin code, press the **ENTER** button to confirm. The default code is: 888888

When input the PIN code, press the **ENTER** button to enter the menu shown on the below:



Advanced Setting

Change Pin Code

CensorShip

Restore Setting

Clear Channels

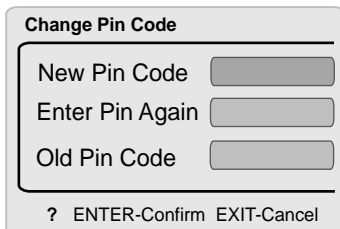
? ENTER-Confirm EXIT-Cancel

In the menu, press the ▲ ▼ button to select desired item. Press the **EXIT** button to return.

DVB-T Setup

1. Change Pin Code

In the menu, press the ▲▼ button to select Change Pin Code, press the **ENTER** button to enter the menu as shown below:



The screenshot shows a menu titled "Change Pin Code". It contains three input fields: "New Pin Code", "Enter Pin Again", and "Old Pin Code". At the bottom, there is a footer with a question mark icon and the text "ENTER-Confirm EXIT-Cancel".

In the menu, according to the indication to input the pin code. Press the **EXIT** button to return.

2. CensorShip

Press the ▲▼ button to select CensorShip, press the **ENTER** button to enter the setup menu, then press ► the button to enter, press the ▲▼ button to select items, press the **ENTER** button to confirm selection.

3. Restore Setting

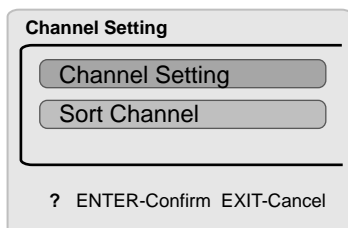
Press the ▲▼ button to select Restore Setting, press the **ENTER** button to return to the default status, or press the **EXIT** button to cancel and return.

4. Clear Channels

Press the ▲▼ button to select Clear Channels, press the **ENTER** button to clear all the channels, or press the **EXIT** button to cancel and return.

Channel Setting

Select the *Channel Setting*, press the **ENTER** button to confirm and enter the channel setting menu, as shown below:

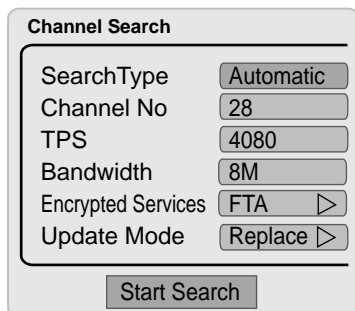


The screenshot shows a menu titled "Channel Setting". It contains two options: "Channel Setting" and "Sort Channel". At the bottom, there is a footer with a question mark icon and the text "ENTER-Confirm EXIT-Cancel".

In the channel setting menu, press the ▲▼ direction buttons to select the desired item, press the **ENTER** button to enter the item. Press the **EXIT** button to return to the previous menu.

Channel Search

Use the ▲▼ direction buttons to select *Channel Search*, press the **ENTER** button to confirm, the screen will display as below:



The screenshot shows a menu titled "Channel Search". It contains several settings: "SearchType" (Automatic), "Channel No" (28), "TPS" (4080), "Bandwidth" (8M), "Encrypted Services" (FTA), and "Update Mode" (Replace). Each setting has a right arrow button next to it. At the bottom, there is a "Start Search" button.

In the channel search menu, press the ▲▼ direction buttons to select the desired item, press the ► button to enter the item. Press the **EXIT** button to return to the previous menu.

DVB-T Setup

1. Search Type

Select the **Search Type**, press the ► button to enter, then press the ▲ ▼ direction buttons to select *Automatic, Manual or By NIT*, press **ENTER** button to confirm. Press the **EXIT** to return.

2. Channel No.

Select the **Channel No.** use the number buttons to input the channel number, press the ◀ button to delete the incorrect input. Press the **EXIT** button to return.

Note: this item is not available when the Search Type is set to Auto Search.

3. TPS

Select the **TPS**, use the number buttons to input, press the ◀ button to delete the incorrect input. Press the **EXIT** button to return.

Note: this item is not available when the Search Type is set to Auto Search.

4. BandWidth

Select the **BandWidth**, press the ► button to enter, then press the ▲ ▼ direction buttons to select items, press **ENTER** button to confirm, press the **EXIT** or ◀ button to return.

5. Encrypted Service

Select the **Encrypted Service**, press the ► button to enter, and then press the ▲ ▼ direction buttons to select FTA or ALL, press **ENTER** button to confirm, press the **EXIT** or ◀ button to return.

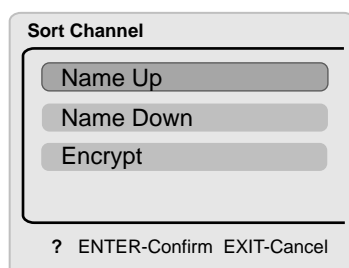
6. Update Mode

Select the **Update Mode**, press the ► button to enter, and then press the ▲ ▼ direction buttons to select Append or Replace, press **ENTER** button to confirm, press the **EXIT** or ◀ button to return.

After setting these items, use the ▲ ▼ direction buttons to highlight the **Start Search**, and press the **ENTER** button to start searching. During searching, press the **EXIT** button to stop searching.

Sort Channel

Select **Sort Channel**, press the **ENTER** button to enter, the screen will display as below:



In the menu, press the ▲ ▼ direction buttons to select the desired item, press the **ENTER** button to confirm. Press the **EXIT** button to return to the previous menu.

This setting is used to name up, name down or encrypt the selected channel.

DVB-T Setup

Channel List

Select the **Channel List**, press the **ENTER** button to confirm and enter, the screen will display as below:

The Channel List screen displays 'No Items' with a right arrow button. To the right is a DVB logo. Below these are input fields for BandWidth (7M), Frequency (0), Quality (0%), and Strength (0%). At the bottom, a legend indicates: ENTER-Play, a circle with a dot for TV/Radio, and Right-PopUp Menu.

For the first time setting, you should add some programs into the channel list. Press the **ENTER** button to start playback, press the **◀ (RED)** button to select TV or Radio, press the **▶** right direction button to display a menu.

Add Channel

Press the **▶** button to enter Add menu, press the **ENTER** to confirm, the screen will display as below:

The Add Channel screen contains the following fields: Index (1), Type (TV with right arrow), Name (New), Frequency (0), PCR PID (0), TPS (4080), VIDEO PID (0), BandWidth (8M with right arrow), and AUDIO PID (0). At the bottom, a legend indicates: Left-Clear, a circle with a dot for SoftBoard, ENTER-Confirm, and EXIT-Cancel.

Press the direction buttons to select the desired item, press the **▶** button to enter, and use the number buttons to input, or press the **⏏ (YELLOW)** button to enter the character and number list. In the list, press the direction buttons to select character or number, press the **◀** button to delete the incorrect input, press the **ENTER** button to confirm input, press the **EXIT** button to return. Repeat the above procedure, you can set many programs. In the channel list, the set program will be displayed with the name and Index. You can go on with some operation on the set program. First press the **▶** button, then use the **▲ ▼** buttons to select *Add, Modify, Move, Delete or Lock/Unlock*.

Select Modify to modify the information of the program.

Select Delete to delete the program.

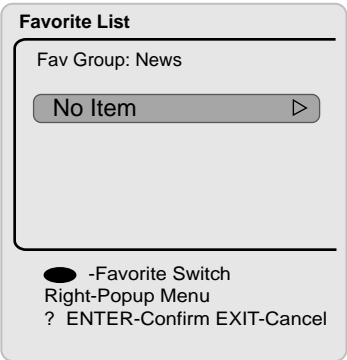
Select Lock/Unlock to lock or unlock the program, you should input the pin code.

Select Move to change the sequence of this channel.

DVB-T Setup

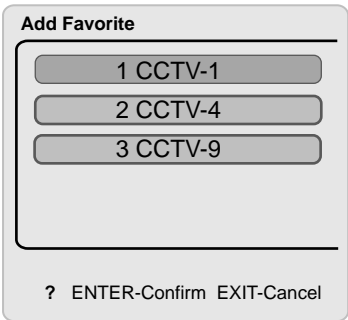
Favourites List

Select the **Favorites List**, press the **ENTER** button to enter, the screen will display as below:



In the menu, press the ◀ (RED) button to select different Fav Group.

Press the ▶ button to enter, press the **ENTER** button, the screen will display as below:

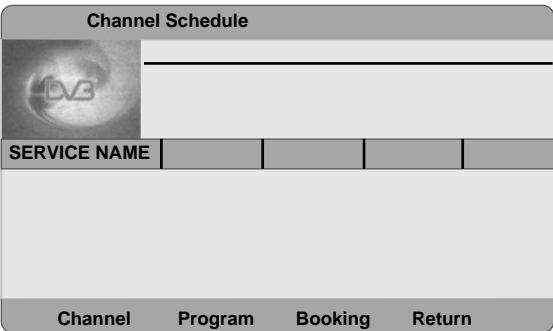


During initial setting, you should set the channel list at first. Then you can select channels from the channel list, and add the channel into the favorites list. You can also delete the channel from the favorites list.

Press the ▶ direction button to enter, and then use the ▲ ▼ direction buttons to select channels, press the **ENTER** button to add, press the **EXIT** button to return.

EPG

Select EPG, press the **ENTER** button to enter, the screen will display as below:

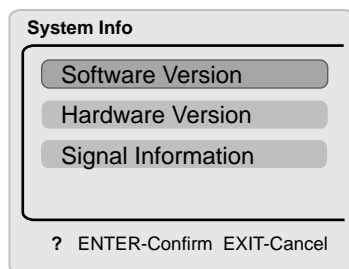


Use the ▲ ▼ button to select channel, press the **ENTER** button to booking channel, press the **EXIT** button to return.

DVB-T Setup

System Info

Select **System Info**, press the **ENTER** button to enter, the screen will display as below:



In the menu, press the ▲ ▼ direction buttons to select the desired item, press the **ENTER** button to enter. Press the **EXIT** button to return to the previous menu.

Troubleshooting

Take steps described in the tables below to solve simple problems before contacting customer service.

If you suspect something wrong with this unit, immediately turn the power off and disconnect the power connector from the unit. Never try to repair the unit yourself because it is dangerous to do so.

SYMPTOM	CHECK ITEM
There is no display on the screen.	Make sure the unit is turned on and all connections correct.
There is no sound.	Make sure the unit is turned on and all connections are correct. Make sure the volume is not turned down or muted. Make sure the sound setup is correct. In DVD mode, make sure disc is not dirty or warped.
There is no picture or picture moves up and down.	Make sure all connections are correct. Make sure the unit is in correct video mode.
The unit can't play discs.	Make sure disc is loaded in correctly. Make sure disc is not dirty or warped. Make sure the region code is the same as region code of DVD disc. Make sure water condensation has not occurred. If it occurs, take out the disc and leave the unit on for at least one hour.
The unit does not continue to play discs or plays the same section repeatedly.	Make sure disc is not dirty or damaged. Make sure the unit is not any repeat status.
The remote control does not work.	Make sure there are no obstructions between remote control and the unit. Make sure the remote control is pointing at the unit. Make sure the battery is installed into the remote control correctly. Make sure battery is not too weak.

Other Notes:

Static or other external interference may cause the unit to behave abnormally. In this occurrence, unplug the power-supply cord from the outlet and plug it in again to reset the unit. If the problem persists, then please disconnect the power and consult a qualified technician.

Specifications

TFT-LCD Screen Size	19 inches
Power	AC100~240V, 50/60Hz DV 12V
Power Consumption	<60W
Dimension	494mm x 184mm x 412mm (LxWxD)
Weight	About 9.2 Kg
Ambient Temperature	10~45°C

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If at any time in the future you should need to dispose of this product please note that: Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice. (Waste Electrical and Electronic Equipment Directive)

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